

## Electronic Patent Application Fee Transmittal

|  |   |                 |               |                             |
|--|---|-----------------|---------------|-----------------------------|
| <b>Application Number:</b>                     | 10758816  |                 |               |                             |
| <b>Filing Date:</b>                            | 16-Jan-2004   |                 |               |                             |
| <b>Title of Invention:</b>                     | ULTRA SHORT HIGH PRESSURE GRADIENT FLOW PATH FLOW FIELD |                 |               |                             |
| <b>First Named Inventor/Applicant Name:</b>    | Michael W. Murphy                                       |                 |               |                             |
| <b>Filer:</b>                                  | David A. McClaughry/Pamela Langlois                     |                 |               |                             |
| <b>Attorney Docket Number:</b>                 | 8540G-000233  |                 |               |                             |
| Filed as Large Entity                          |   |                 |               |                             |
| <b>Utility under 35 USC 111(a) Filing Fees</b> |   |                 |               |                             |
| <b>Description</b>                             | <b>Fee Code</b>   | <b>Quantity</b> | <b>Amount</b> | <b>Sub-Total in USD(\$)</b> |
| <b>Basic Filing:</b>                           |   |                 |               |                             |
| <b>Pages:</b>                                  |   |                 |               |                             |
| <b>Claims:</b>                                 |   |                 |               |                             |
| <b>Miscellaneous-Filing:</b>                   |   |                 |               |                             |
| <b>Petition:</b>                               |   |                 |               |                             |
| <b>Patent-Appeals-and-Interference:</b>        |   |                 |               |                             |
| <b>Post-Allowance-and-Post-Issuance:</b>       |   |                 |               |                             |
| Utility Appl issue fee                         | 1501  | 1               | 1510          | 1510                        |
| Publ. Fee- early, voluntary, or normal         | 1504  | 1               | 300           | 300                         |

| Description        | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
|--------------------|----------|----------|--------|----------------------|
| Extension-of-Time: |          |          |        |                      |
| Miscellaneous:     |          |          |        |                      |
| Total in USD (\$)  |          |          |        | 1810                 |